## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	0	JP9021774	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 13:41
S8	1	"9021774"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 13:41
S9	154436	(MATSUSHITA adj DENKI adj SANGYO). as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 13:43
S10	16	(MATSUSHITA adj DENKI adj SANGYO). as. and isaki	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 13:44
S11	1	10/581075	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 13:47
S12	3	Katsuda-Hayato.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 14:27
S13	1141	73/23.31.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2007/12/12 14:27

S14	290	S13 and ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	**************************************	2007/12/12 14:28
S15	126	S14 and (cap cover hood)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 14:48
S16	1805	(gas near3 (detector sensor)) and (ceramic same substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 14:49
S17	367	S16 and "73".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 15:09
S18	723	S16 and (cap or cover)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 15:19
S19	1798851	S18 (multilayer layers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 15:20
S20	453	S18 and (multilayer layers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/12 15:20
S21	314	S18 and ((multilayer layers) same substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2007/12/12 15:21

S24	662	sasaki-katsumi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2008/03/10 10:50
<b>S</b> 25	29	isaki-masatoshi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 10:50
S26	0	(gas near2 sensor) near20 ceramic near15 (cover cap housing) near10 (intake inlet opening) and diaphram	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 11:10
S27	3	(gas near2 sensor) near20 ceramic near15 (cover cap housing) near10 (intake inlet opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 11:11
S28	399	(gas near2 sensor) near15 (cover cap housing) near10 (intake inlet opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 11:12
S29	77	(gas near2 sensor) near15 (cover cap housing) near10 (intake inlet opening) and ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 11:12
S30	0	(gas near2 sensor) near15 (cover cap housing) near10 (intake inlet opening) and ceramic and diaphram	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 11:12
S31	5	(gas near2 sensor) near15 (cover cap housing) near10 (intake inlet opening) and ceramic and diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 11:12

S32	2	"7222516".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 13:15
S33	2	"6893892".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 13:15
S34	2	"6418780".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 13:17
\$35	10	("3665193"   "5216249"   "5216249"   "5298749"   "5471947"   "5562769"   "5717214"   "5773830"   "6453748"   "6582513").FN. OR ("7274025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 13:18
S36	10	("20010047937"   "4334974"   "4360598"   "473056"   "4755274"   "4765880"   "5174885"   "5787866"   "5895591"   "6071393").FN. OR ("7163609").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 14:02
S37	171	204/431.ccls. and ceramic	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 14:04
S38	125	204/431.ccls. and ceramic and (cap cover housing lid)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 14:04
S39	269	(gas adj sensor) and ((lid cover cap) near5 (recess snap groove attach))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 14:18
S40	53	(gas adj sensor) and ((lid cover cap) near5 (recess snap groove attach) near5 (substrate base body))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 14:20

S41	115	("3303747"   "3326239"   "3519019"   "3530894"   "3653408"   "3670771"   "3812545").PN. OR ("3938554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/10 14:31
S42	0	(gas near2 sensor) near20 ceramic near15 (cover cap housing) near10 (intake inlet opening) and diaphram	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 11:08
S43	27	(gas near2 sensor) near15 (cover cap housing) near10 (intake inlet opening) and diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 11:09
S44	167	(lid near4 snap).ab. and box	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 12:56
S45	2	tackle\$1box.ab. and (snap or latch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 13:03
S46	0	tacklebox.ab. and (snap or latch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 13:03
S47	734	(container near5 compartment).ab. and (snap or latch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 13:04
S48	0	(container near5 compartment).ab. and (snap or latch) near3 plasticf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/03/11 13:04

S49	12	(container near5 compartment).ab. and (snap or latch) near3 plastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	0N	2008/03/11 13:04
S50	35	(gas near2 sensor) near20 (cover cap housing) near6 (removable remove detachable detach snap attach attachable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/11 13:34
S51	10	("20010038986"   "6198295"   "6390028"   "6412447"   "6540504"   "6561138"   "6622661"   "6622613"   "6662757"   "6722876").FN. OR ("6883366").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 14:04
S52	1326	73/31.05.cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 13:52
S53	400	(gas near2 sensor) near15 (cover cap housing) near10 (intake inlet opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 13:52
S54	37	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 13:53
S55	8	"10111265"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:09
S56	4	"11190710"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/05/08 16:14

S57	412	73/335.05.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:15
S58	156008	(cover lid covering) near8 substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:15
S59	14	S57 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:15
S60	126393	ceramic near8 substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:16
S61	26	S57 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:17
S62	422	73/335.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:18
S63	22	S62 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:18
S64	1234	73/23.31.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:24

S65	16	S64 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:24
S66	2	"04233178"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:26
S67	26	"4233178"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:27
S68	11	"3195139"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:28
S69	4	"03195139"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:28
S70	3	"06194328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 16:28
S71	14079	73/23.2-31.07.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:07
S72	38	(lid cover) near4 latch near8 substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:07

S73	0	S71 and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:07
S74	21298	(lid cover) near4 latch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:08
S75	5	S71 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:08
S76	389	73/29.02.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:28
S77	67	73/29.02.ccls. and cover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:29
S78	16	73/29.02.ccls. and diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:31
S79	28	73/29.02.ccls. and cap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:49
S80	18	("3478574"   "3564474"   "3959764"   "4036592").PN. OR ("4723439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/11 15:49
S81	2	"5747282".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/13 08:49

S82	60	"233240"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/13
S83	0	"233240"	JPO	OR	ON	2009/05/13 11:01
S84	0	"0233240"	JPO	OR	ON	2009/05/13 11:01
S85	1	"0233240"	DERWENT	OR	ON	2009/05/13 11:01
S86	33	"233240"	DERWENT	OR	ON	2009/05/13 11:01
S87	21	shabman.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/13 16:44

## EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S88	995759	(ceramic gas sensor diaphragm dielectric).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/02 17:07
S89	1	(ceramic gas sensor diaphragm dielectric).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/12/02 17:07

## 12/3/2009 10:20:00 AM

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